FOR UTILITY/DESIGN CIP/PCT NATIONAL/PLAN ORIGINAL/SUBSTITUTE/SUPPLEMENTAL DECLARATIONS

RULE 63 (37 C.F.R. 12 CONTROL OF TORNEY FOR PATENT APPLICATION IF UNITED STATES PATENT AND TRADEMARK OFF

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

G. Lloyd Knight 17698 G. Paul Edgell 24238 Michael R. Dzwonczyk 36787 Robert J. Walters 4086 Kevin E. Joyce 20508 Lynn E. Ecoleston 35861 Jack S. Barufika 37087 Brian J. Beatus 3885 Brian J. Beatus	→ C. ☑ was filed as PCT International Application No. PCT / G899/03255 on Colbert 1, 1999 Ihereby state that I have reviewed and understand the contents of the above identified specification, including the claims: as amended by any part of the content of the above identified specification, including the claims: as amended by any part of the content of the above identified specification, including the claims: as amended by any part of the content of the above identified specification, including the claims: as amended by any part of the content of the con	the X A.	specification of wh	iich (<u>CHECK</u> ap ito.	ASS SPECTROMETRY plicable <u>BOX(E</u>					
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above. I schrowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 158. Except as noted below. Interrupt of the propriets under \$3.05. C. 116(kg) of 285(b) of any foreign application(s) for patent or inventors. Controlled. or 97(b) of any PCT international Application. Biddle by me or my assignee disclosing the subject mater claimed in this application and having a fising date (1) before that of the application with profit pic claimed, or (2) if no printy dariend, before the filing date of this application. Biddle by me or my assignee disclosing the subject mater claimed in this application and having a fising date (1) before that of the application with the profit dariend, before the filing date of this application and having a fising date (1) before that of the application with the profit dariend, before the filing date of this application and having a fising date (1) before that of the application is and dariend or the profit of the profit dariend, before the filing date of the application is and dariend in the profit of the prof	abowe I. alzhowekege the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below. Interestly confidence of the properties of the second of the properties o	and (if applicable	e to U.S. or PCT at	oplication) was a	amended on			-		
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Number Country Day/MONTH/Year Filled Open or Published Or Granted Priority NOT Claims 9821393.7 Great Britain 1 October 1998	It more prior foreign applications, X hox at bottom and continue on attached page.	PRIOR FOREIG	N APPLICATION(S)		Date first Laid-	Date Pa	tented		
Except as noted below, I hereby claim domestic priority benefit under 35 U.S. C. 119(e) or 120 and/or 36(c) of the indicated United States applications is listed above or below and, if this is a continuation—in part (ICP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, a chrowledge the duty of sclose all information known to me to be material to patertability as defined in 37 C.F.R. 1.56 which became available between the filling date of each such prior application and the national or PCT international filling date of this application. PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) Application No. (series code/serial no.) POT/GB99/03258 POT/GB99/03259 1 October 1999 2 October 1999 2 October 1999 2 October 1999 2 October 1999 3 October 1999 3 October 1999 3 October 1999 3 October 1999 4	Except as noted below, I hereby claim domestic priority benefit under 35 U.S. C. 119(e) or 120 and/or 35(c) of the indicated United States applications is idea below or a both and. If this is a continuation-in-part (ICP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications. I addition to that disclosed in such prior applications and the international or PCT international filing date of size and prior application in the addition of PCT international filing date of size and prior application and the national or PCT international filing date of size and prior application. PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) Application No. (series code/serial no.) Day/MONTH/year Filed 1 Dottober 1999 PCT/GB99/03258 Priority NOT Claim Priority NOT Cl					open or Publis	hed or (Granted	Priority NOT	Claimed
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(include Zip Code) PE17 2B90 (2) INVENTOR'S SIGNATURE: Date 2050 Z - Andrew Hugin Thompson First Middle Initial Family Name Residence Alloway GBN Great Britain United Kingdom City State/Foreign Country Country of Citizenships Mailing Address 25 Knoll Park, Alloway, Ayr, Great Britain (include Zip Code) KA7 4RH "X" box FOR ADDITIONAL INVENTORS, and proceed on the attached page to list each additional inventor. See additional foreign priorities on attached page (incorporated herein by reference).	(include Zip Code) PE17 2BM (2) INVENTOR'S SIGNATURE: Date Z - O Andrew Hugin Thompson First Middle Initial Family Name Residence Alloway Great Britain United Kingdom City State/Foreign Country Mailing Address 25 Knoll Park, Alloway, Ayr, Great Britain (include Zip Code) KA7 4RH "X" box FOR ADDITIONAL INVENTORS, and proceed on the attached page to list each additional inventor. See additional foreign priorities on attached page (incorporated herein by reference). Atty. Dkt. No. P0279469	and Wasi						Cou	ntry of Citizenship	Contain .
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Rule 56(a) & (b) = 37 C.F.R. 1.56(a) & (b) PATENT AND TRADEMARK CASES - RULES OF PRACTICE DUTY OF DISCLOSURE

(a) ...Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the [Patent and Trademark] Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability...(b) information is material to patentability when it is not cumulative and (1) It also establishes by itself, or in combination with other information, a prima facie case of unpatentability of a claim or (2) refutes, or is inconsistent with, a position the applicant takes in: (i) Opposing an argument of unpatentability relied on by the Office, or (ii) Asserting an argument of patentability

PATENT LAWS 35 U.S.C.

§102. Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless--

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
- (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months* before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
- (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

§103. Condition for patentability; non-obvious subject matter

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made. . . .
- (c) Subject matter developed by another person, which qualified as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

^{*} Six months for Design Applications (35 U.S.C. 172).